

### AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, including listings, of claims in the application.

#### Listing of Claims

Claims 1-66 (canceled).

Claim <sup>1</sup>~~67~~ (previously presented): A vector comprising a DNA sequence encoding a transcription factor, having the following elements in the 5' to 3' direction, i) a promoter, ii) DNA encoding a DNA binding domain of the bacterial repressor LexA, iii) DNA encoding a transactivating domain of VP16, iv) DNA encoding the regulatory domain of an estrogen receptor.

Claim <sup>2</sup>~~68~~ (currently amended): The vector of claim <sup>1</sup>~~67~~ wherein said vector further comprises a gene encoding a selectable marker ~~or a screenable marker~~, the expression of which is controlled by the transcription factor.

Claim <sup>3</sup>~~69~~ (currently amended): The vector of claim <sup>2</sup>~~68~~ wherein said gene is isopentenyltransferase (ipt), cytokinin-independent 1 (CKI1) ipt, CKI1, luciferase, a member of the *knotted* family, a gene the expression of which can promote shoot regeneration and development, or a gene the expression of which promotes somatic embryogenesis.

Claim <sup>6</sup>~~70~~ (previously presented): The vector of claim <sup>1</sup>~~67~~ wherein said vector further comprises one or more genes of interest.

Claim <sup>4</sup>~~71~~ (previously presented): The vector of claim <sup>7</sup>~~68~~ wherein said gene is a gene for antibiotic resistance.

Claim <sup>5</sup>72 (previously presented): The vector of claim <sup>2</sup>68 wherein said gene is a gene for herbicide resistance.

Claim <sup>7</sup>73 (currently amended): The vector of claim <sup>1</sup>67, further comprising a luciferase gene or a gene that causes anthocyanin production.

Claim 74 (canceled).

Claim <sup>8</sup>75 (previously presented): The vector of claim <sup>1</sup>67 wherein said promoter is a constitutive promoter.

Claim <sup>9</sup>76 (previously presented): The vector of claim <sup>8</sup>75 wherein said constitutive promoter is G1090.

Claim <sup>10</sup>77 (previously presented): The vector of claim <sup>1</sup>67 wherein said promoter is a tissue-specific promoter.

Claim <sup>11</sup>78 (previously presented): An isolated nucleic acid encoding a transcription factor, comprising, in the 5' to 3' direction, i) a promoter, ii) DNA encoding a DNA binding domain of the bacterial repressor LexA, iii) DNA encoding a transactivating domain of VP16, iv) DNA encoding a regulatory domain of an estrogen receptor.

Claim <sup>12</sup>79 (currently amended): A transgenic plant or transgenic plant cell comprising a the nucleic acid of claim <sup>11</sup>78.

<sup>13</sup>  
Claim ~~80~~ (currently amended): The transgenic plant or transgenic plant cell of claim ~~79~~,<sup>12</sup>  
further comprising a gene encoding a selectable marker ~~or a screenable marker~~ the expression of  
which is controlled by the transcription factor.

<sup>14</sup>  
Claim ~~81~~ (currently amended): The transgenic plant or transgenic plant cell of claim ~~80~~,<sup>13</sup>  
wherein the gene is selected from the group consisting of isopentenyltransferase (ipt), cytokinin-  
independent 1 (CKI1) ~~ipt~~, ~~CKI1~~, a member of the *knotted* family, a gene the expression of which can  
promote shoot regeneration and development, or a gene the expression of which promotes somatic  
embryogenesis.

<sup>15</sup>  
Claim ~~82~~ (currently amended): The transgenic plant or transgenic plant cell of claim ~~79~~,<sup>12</sup>  
further comprising a luciferase gene ~~or a gene that causes anthocyanin production~~.

Claim 83 (canceled).